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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MARTENS, Hubert C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KOPPERS, Wilhelmus, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN OETELAAR, Ronald, J., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WOERLEE,

Pierre, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

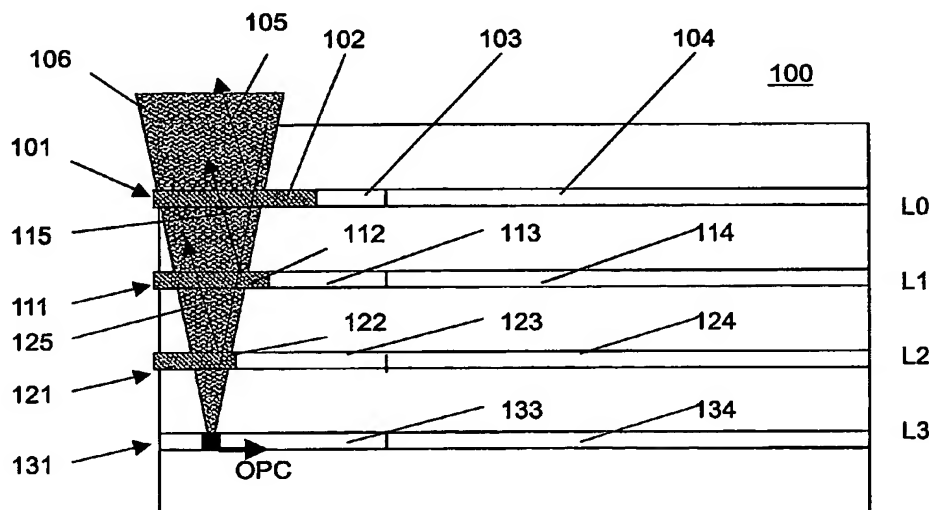
(74) Agent: UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: MULTI-LAYER WRITABLE OPTICAL RECORD CARRIER WITH AN OPTIMUM POWER CALIBRATION AREA, AND METHOD AND APPARATUS FOR FORMING OPTIMUM POWER CALIBRATION AREAS ON SUCH A RECORD CARRIER



(57) Abstract: A writable optical record carrier (100) comprising a plurality of recording layers L<sub>0</sub>, ..., L<sub>n-1</sub> separated by a spacer material, each recording layer comprising an optimum power calibration area (101, 111, 121, 131) having a first portion (102, 112, 122) with an average reflection value representative of a recorded layer and a second portion (113, 123, 133) with an average reflection value representative of an unrecorded layer, a method, and an apparatus for forming optimum power calibration areas on such a writable optical record carrier are presented. The optimum power calibration areas partially overlap such that the optimum power calibration areas of each pair of consecutive recording layers form a step, and the first portions of said plurality of recording layers have the form of a staircase. Each step formed by a pair of consecutive recording layers k, k+1 has a preferred minimum step size.

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